

Security Services for the IoT (SSI)

- Learning outcomes
 - Understand IoT concepts and applications, security threats, technical solutions, and a few relevant standardization efforts in the IETF
 - Be able to analyze network traffic of IoT devices and create device profiles that describe this behavior
 - Understand the operational business of DNS operators and the impact the IoT may have on them (industry perspective)
- Assessment
 - Oral exam to discuss SSI papers  Corona style
 - Five-page report on your lab assignment
- Bonus: guest lectures by industry speakers



You'll get to work
with these

What do students think?

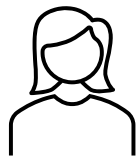


“Lectures were very informative”



7.0

“Interesting topic and nice to see a collaboration with SIDN”



“Wide range of topics covered which is good to get an overview of different aspects of IoT environment.”

“Well constructed and thought out”



SSI fact sheet

Security Services for the IoT (SSI)	
EC	5 (140 hours)
Coordinator	Cristian Hesselman (SIDN Labs, University of Twente)
E-mail	c.e.w.hesselman@utwente.nl
Lecturers	dr. Elmer Lastdrager (SIDN Labs) dr. Cristian Hesselman (SIDN Labs, University of Twente)
Teaching assistants	Ramin Yazdani (University of Twente) Etienne Khan (University of Twente)
Quartile	2B (April-July, 2022)
Academic year	2021/2022
Capacity	Max 32 students
Website	https://courses.sidnlabs.nl/ssi